

**METHOD AND SYSTEM FOR SYSTEMATICALLY
DIAGNOSING DATA PROBLEMS IN A DATABASE****ABSTRACT OF THE DISCLOSURE**

5 A method and system for diagnosing data problems in a database. The system
provides a test program for running simultaneously a series of tests on the database.
In the test program, a set of queries corresponding to the series of tests are defined.
Then these queries are refined as fields of a larger query, such that the test results
appear merely as small tables. This technique can be implemented using SQL
commands "WITH" and "LEFT OUTER JOIN." The test program is configured to
0 display automatically all the results from the tests in one table. By simply running the
test program and viewing the table showing all the test results, an operator is able to
diagnose easily the nature and location of the data problem(s) in the database.

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